



Superbraid



FEATURES

- Light weight UHMwPE core with High Tenacity Polyester cover provides high strength with minimal stretch
- Treated with Donaghys Bindacoat on core to prevent core/cover slippage
- Specially engineered using state-of-the-art Mageba™ Thermofixation treatment
- Withstands shock loadings better than Aramids

RANGE / SPECIFICATIONS

- 4mm - 24mm in 200m reels
- 12 plait core with 24 plait cover
- Black, Blue, Red or Green with Dark Grey Mottle

Size (mm)	Weight kg/100m	BreakForce (kg)
4mm	1.0	800
5mm	2.0	1400
6mm	3.0	1900
8mm	5.0	3400
10mm	7.5	5800
12mm	10.5	9300
14mm	14.0	12100
16mm	18.0	17600
18mm	22.5	22200
20mm	27.0	30000
22mm	32.5	38700
24mm	39.5	47700

Larger sizes available on request

Other colours available to mottle on request include: Beige, Burgundy, Fluro Green, Fluro Orange, Pink, Purple, Yellow, Grey and White.

** BreakForce based on unspliced rope.
A spliced break is less 10% of the published BreakForce.*

APPLICATIONS

- Halyards
- Sheets
- Guys
- Control lines
- Out/downhauls
- Runner tails
- Vang
- Reefing and furling systems

Fibre:Type	Description	Specific Gravity	Sensitive to	Resistant to	Heat Reaction	Strength & Elongation
Polyester	Continuous Filament	1.38	Alkalis, phenolic compounds, sulphuric acid	Most organic & mineral acids, organic solvents, bleaches & oxidising agents	Softens 228°C Melts 255°C	Equivalent wet/dry strength ratio. Elongation 35% at Break
Stealth® <small>Ultra High Molecular Weight Polyethylene (UHMWPE)</small>	Continuous Filament	0.97 g/cm ³	Strong oxidising agents, Chlorosulfonic & Nitric acids at high temperatures. Slightly affected by Sodium Hydroxide (pH>14)	Most acids & alkalis, cold alcohols, ethers, esters, ketones & bleaches	Softens 144°C Melts 152°C	Equivalent wet/dry strength ratio. Elongation 4% at Break